SYSTEM AND METHOD FOR EFFICIENTLY DISTRIBUTING DATA

ABSTRACT OF THE DISCLOSURE

A telecommunication system (such as a switch) connects a plurality of subscriber lines to a telecommunications network, and includes a common element. The common element, including a data management agent, is provided for distributing data from a source location to a set of hardware entities, which are subtended from the common element. The data management agent includes a transfer agent, a buffer pool and a plurality of download agents. The transfer agent retrieves the data from the source location and stores it in the buffer pool. The download agents retrieve the data from the buffer pool and transmit the retrieved data to a corresponding hardware entity. Thus, the efficiency for transferring data from the source location to the hardware entities is improved.